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## **PCT REQUEST**

Original (for SUBMISSION) - printed on 10.10.2003 10:12:24 AM

PU4807WO

0	For receiving Office use only		
0-1	International Application No.		
)-2	International Filing Date		
0-3	Name of receiving Office and "PCT International Application"		
4	Form - PCT/RO/101 PCT Request	T	
0-4-1	Prepared using	PCT-EASY Version 2.92	
		(updated 01.07.2003)	
0-5	Petition		
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty		
0-6	Receiving Office (specified by the applicant)	United States Patent and Trademark Office (USPTO) (RO/US)	
0-7	Applicant's or agent's file reference	PU4807WO	
	Title of invention	CHEMICAL COMPOUNDS	
	Applicant		
l-1	This person is:	applicant only	
I-2	Applicant for	all designated States except US	
1-4	Name	SMITHKLINE BEECHAM CORPORATION	
II-5	Address:	One Franklin Plaza	
		Philadelphia, PA 19101	
		United States of America	
II-6	State of nationality	US	
II-7	State of residence	US	
II-8	Telephone No.	919-483-2252	
11-9	Facsimile No.	919-483-7988	
111-1	Applicant and/or inventor		
III-1-1	This person is:	applicant and, inventor	
III-1-2	Applicant for	US only	
III-1-4	Name (LAST, First)	BROWN, Matthew, Lee	
III-1-5	Address:	c/o GlaxoSmithKline	
		Five Moore Drive	
		PO Box 13398	
		Research Triangle Park, NC 27709	
III-1-6	State of nationality	United States of America US	
111-1-0	1 = 0	105	

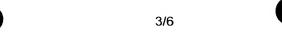


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III-2	Applicant and/or inventor	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
111-2-4	Name (LAST, First)	CHEUNG, Mui
111-2-5	Address:	c/o GlaxoSmithKine
		Five Moore Drive
		PO Box 13398
		Research Triangle Park, NC 27709
		United States of America
III-2-6	State of nationality	CN
111-2-7	State of residence	US .
III-3	Applicant and/or inventor	
111-3-1	This person is:	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	DICKERSON, Scott, Howard
III-3-5	Address:	c/o GlaxoSmithKline
		Five Moore Drive
		PO Box 13398
		Research Triangle Park, NC 27709
		United States of America
III-3-6	State of nationality	US
111-3-7	State of residence	US
111-4	Applicant and/or inventor	
111-4-1	This person is:	applicant and inventor
III-4-1 III-4-2	This person is: Applicant for	applicant and inventor US only
	i '	US only
III-4-2	Applicant for	US only GAUTHIER, Cassandra
III-4-2 III-4-4	Applicant for Name (LAST, First)	US only
III-4-2 III-4-4	Applicant for Name (LAST, First)	US only GAUTHIER, Cassandra c/o GlaxoSmithKline
III-4-2 III-4-4	Applicant for Name (LAST, First)	US only GAUTHIER, Cassandra c/o GlaxoSmithKline Five Moore Drive
III-4-2 III-4-4	Applicant for Name (LAST, First)	US only GAUTHIER, Cassandra c/o GlaxoSmithKline Five Moore Drive PO Box 13398
III-4-2 III-4-4	Applicant for Name (LAST, First)	US only GAUTHIER, Cassandra c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27707
III-4-2 III-4-4 III-4-5	Applicant for Name (LAST, First) Address: √	US only GAUTHIER, Cassandra c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27707 United States of America
III-4-2 III-4-4 III-4-5	Applicant for Name (LAST, First) Address:	US only GAUTHIER, Cassandra c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27707 United States of America US
III-4-2 III-4-4 III-4-5	Applicant for Name (LAST, First) Address:  State of nationality State of residence	US only GAUTHIER, Cassandra c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27707 United States of America US
III-4-2 III-4-4 III-4-5 III-4-6 III-4-7	Applicant for Name (LAST, First) Address:  State of nationality State of residence Applicant and/or inventor	US only GAUTHIER, Cassandra c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27707 United States of America US US
III-4-2 III-4-4 III-4-5 III-4-6 III-4-7 III-5-1	Applicant for Name (LAST, First) Address:  State of nationality State of residence  Applicant and/or inventor This person is:	US only GAUTHIER, Cassandra c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27707 United States of America US US applicant and inventor US only
III-4-2 III-4-4 III-4-5 III-4-6 III-4-7 III-5-1 III-5-1	Applicant for Name (LAST, First) Address:  State of nationality State of residence  Applicant and/or inventor This person is: Applicant for	US only GAUTHIER, Cassandra c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27707 United States of America US US applicant and inventor
III-4-2 III-4-4 III-4-5 III-4-6 III-4-7 III-5-1 III-5-2 III-5-4	Applicant for Name (LAST, First) Address:  State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First)	US only GAUTHIER, Cassandra c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27707 United States of America US US applicant and inventor US only HARRIS, Philip, Anthony
III-4-2 III-4-4 III-4-5 III-4-6 III-4-7 III-5-1 III-5-2 III-5-4	Applicant for Name (LAST, First) Address:  State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First)	US only GAUTHIER, Cassandra c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27707 United States of America US US applicant and inventor US only HARRIS, Philip, Anthony c/o GlaxoSmithKline
III-4-2 III-4-4 III-4-5 III-4-6 III-4-7 III-5-1 III-5-2 III-5-4	Applicant for Name (LAST, First) Address:  State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First)	US only GAUTHIER, Cassandra c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27707 United States of America US US applicant and inventor US only HARRIS, Philip, Anthony c/o GlaxoSmithKline Five Moore Drive
III-4-2 III-4-4 III-4-5 III-4-6 III-4-7 III-5-1 III-5-2 III-5-4	Applicant for Name (LAST, First) Address:  State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First)	US only GAUTHIER, Cassandra c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27707 United States of America US US  applicant and inventor US only HARRIS, Philip, Anthony c/o GlaxoSmithKline Five Moore Drive PO Box 13398
III-4-2 III-4-4 III-4-5 III-4-6 III-4-7 III-5-1 III-5-2 III-5-4	Applicant for Name (LAST, First) Address:  State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First)	US only GAUTHIER, Cassandra c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27707 United States of America US US  applicant and inventor US only HARRIS, Philip, Anthony c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709
III-4-2 III-4-4 III-4-5 III-4-7 III-5-1 III-5-2 III-5-4 III-5-5	Applicant for Name (LAST, First) Address:  State of nationality State of residence  Applicant and/or inventor This person is: Applicant for Name (LAST, First) Address:	US only GAUTHIER, Cassandra c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27707 United States of America US US  applicant and inventor Us only HARRIS, Philip, Anthony c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America

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III-6-1   This person is:   applicant and inventor   Us only   HUNTER, Robert, Neil, III   C/o GlaxoSmithKline   Five Moore Drive   PO Box 13398   Research Triangle Park, NC 27709   United States of America   Us only   HINTER   Us only   Us   Us   Us   Us   Us   Us   Us   U
III-6-2   Applicant for   US only   HUNTER, Robert, Neil, III   C/o GlaxoSmithKline   Five Moore Drive   PO Box 13398   Research Triangle Park, NC 27709   United States of America   US   US   III-7-1   This person is:   Applicant for   US only   PACOFSKY, Gregory   C/o GlaxoSmithKline   Five Moore Drive   PO Box 13398   Research Triangle Park, NC 27709   United States of America   US   III-7-5   Address:   C/o GlaxoSmithKline   Five Moore Drive   PO Box 13398   Research Triangle Park, NC 27709   United States of America   US   III-7-7   State of residence   US   III-7-7   State of residence   US   III-8-1   This person is:   Applicant and/or inventor   US   III-8-1   This person is:   Applicant and/or inventor   US   III-8-1   This person is:   Applicant and inventor   US   III-8-1   This person is:   III-8-1   This person is:   Applicant and inventor   US   III-8-1   This person is:   Applicant and inventor   US   III-8-1   Thi
III-6-5   Address:   HUNTER, Robert, Neil, III   C/O GlaxoSmithKline   Five Moore Drive   PO Box 13398   Research Triangle Park, NC 27709   United States of America   US   US
C/O GlaxoSmithKline   Five Moore Drive   PO Box 13398   Research Triangle Park, NC 27709   United States of America   US   US
Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America US III-6-7 State of residence US III-7-1 This person is: III-7-2 Applicant for III-7-3 Name (LAST, First) III-7-5 Address: III-7-6 State of nationality III-7-7 State of residence III-7-8 State of nationality III-7-9 State of residence III-7-1 This person is: III-7-6 State of nationality III-7-7 State of residence III-8-1 Applicant and/or inventor III-8-1 This person is: III-8-2 Applicant for III-8-1 Address: III-8-2 Applicant for III-8-3 Address: III-8-4 Name (LAST, First) III-8-5 Address: III-8-5 Address: III-8-6 State of nationality III-8-7 State of nationality III-8-8 Applicant and/or inventor III-8-9 Applicant for III-8-1 Cy of GlaxoSmithKline III-8-2 Applicant for III-8-3 Applicant for III-8-4 Name (LAST, First) III-8-5 Address: III-8-5 Address: III-8-5 Address: III-8-6 State of America III-8-7 State of Pamerica III-8-8 Address: III-8-9 Address: III-8-1 Cy of GlaxoSmithKline III-8-1 Five Moore Drive III-8-1 PEEL, Michael, Robert III-8-1 PEEL, Michael, PEEL, PEEL, PEEL, PEEL, PEE
PO Box 13398   Research Triangle Park, NC 27709   United States of America   US
Research Triangle Park, NC 27709 United States of America US
United States of America   US
III-6-6   State of nationality   US     III-7   Applicant and/or inventor     III-7-1   This person is:   Applicant and inventor     III-7-2   Applicant for   US only     III-7-4   Address:   C/O GlaxoSmithKline     Five Moore Drive     FO Box 13398     Research Triangle Park, NC 27709     III-7-7   State of residence   US     III-8-1   Applicant and/or inventor     III-8-2   Applicant for   US only     III-8-5   Address:   Applicant and inventor     III-8-5   Address:   Applicant and inventor     III-8-5   Address:   C/O GlaxoSmithKline     Five Moore Drive     Fo Box 13398     Applicant and inventor     III-8-1   III-8-2   Applicant for     III-8-2   Applicant for     III-8-5   Address:   C/O GlaxoSmithKline     Five Moore Drive     Fo Box 13398     Research Triangle Park, NC 27709     United States of America     III-8-1   III-8-5     III-8-5   Address:   C/O GlaxoSmithKline     Five Moore Drive     Fo Box 13398     Research Triangle Park, NC 27709     United States of America     III-8-1   III-8-1     III-8-2   Address:   C/O GlaxoSmithKline     Five Moore Drive     Fo Box 13398     Research Triangle Park, NC 27709     United States of America     III-8-1   III-8-1     III-8-2   Address:   C/O GlaxoSmithKline     Five Moore Drive     Five Moor
III-6-7   State of residence
III-7   Applicant and/or inventor   III-7-1   This person is:   applicant and inventor   US only   Name (LAST, First)   PACOFSKY, Gregory   C/O GlaxoSmithKline   Five Moore Drive   PO Box 13398   Research Triangle Park, NC 27709   United States of America   US   III-7-7   State of residence   US   III-8-1   This person is:   applicant and inventor   III-8-2   Applicant for   US only   Name (LAST, First)   PEEL, Michael, Robert   C/O GlaxoSmithKline   Five Moore Drive   PO Box 13398   Research Triangle Park, NC 27709   United States of America   III-8-5   Address:   C/O GlaxoSmithKline   Five Moore Drive   PO Box 13398   Research Triangle Park, NC 27709   United States of America   III-8-1   III-8-1   III-8-2   III-8-5   Address:   C/O GlaxoSmithKline   III-8-5   III-8-5   Address:   C/O GlaxoSmithKline   III-8-5
III-7-1
III-7-2 Applicant for US only III-7-4 Name (LAST, First) PACOFSKY, Gregory  c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America  III-7-7 State of residence III-8-1 This person is: III-8-2 Applicant for III-8-4 Address:  DEEL, Michael, Robert C/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America
Name (LAST, First)
C/O GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America US III-7-6 State of residence US III-8-1 This person is: III-8-2 Applicant for III-8-2 Applicant for III-8-4 Name (LAST, First) III-8-5 Address:  DEL, Michael, Robert C/O GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America
Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America US US US  III-7-7 State of residence US  III-8-1 This person is: III-8-2 Applicant for III-8-2 Applicant for III-8-4 Name (LAST, First) Address:  PEEL, Michael, Robert c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America
PO Box 13398 Research Triangle Park, NC 27709 United States of America  US
Research Triangle Park, NC 27709 United States of America US
United States of America US
III-7-6 State of nationality III-7-7 State of residence III-8 Applicant and/or inventor III-8-1 This person is: III-8-2 Applicant for III-8-4 Name (LAST, First) III-8-5 Address:  C/O GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America
III-7-7 State of residence  III-8 Applicant and/or inventor  III-8-1 This person is:  Applicant for  III-8-2 Applicant for  III-8-4 Name (LAST, First)  Address:  Address:  C/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America
III-8 Applicant and/or inventor  This person is: Applicant for US only Name (LAST, First) PEEL, Michael, Robert C/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America
III-8-1 This person is: Applicant for US only PEEL, Michael, Robert c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America
Applicant for US only  Name (LAST, First)  Address:  Description and Inventor  US only  PEEL, Michael, Robert  c/o GlaxoSmithKline  Five Moore Drive  PO Box 13398  Research Triangle Park, NC 27709  United States of America
Name (LAST, First)  Address:  PEEL, Michael, Robert  c/o GlaxoSmithKline  Five Moore Drive  PO Box 13398  Research Triangle Park, NC 27709  United States of America
Address:  c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America
Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America
PO Box 13398 Research Triangle Park, NC 27709 United States of America
Research Triangle Park, NC 27709 United States of America
United States of America
III-8-6 State of nationality GB
III-8-7 State of residence US
III-9 Applicant and/or inventor
III-9-1 This person is: applicant and inventor
III-9-2 Applicant for US only
III-9-4 Name (LAST, First) STAFFORD, Jeffrey, Alan
III-9-5 Address: c/o GlaxoSmithKline
Five Moore Drive
PO Box 13398
Research Triangle Park, NC 27709
United States of America
III 0 6 1 Chata of nationality
III-9-6 State of nationality US





IV-1	Agent or common representative; or address for correspondence	
	The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	LEVY, David, J.
IV-1-2	Address:	c/o GlaxoSmithKline
		Corporate Intellectual Property
		Department
		Five Moore Drive
		PO Box 13398
		Research Triangle Park, NC 27709
		United States of America
IV-1-3	Telephone No.	919-483-2252
IV-1-4	Facsimile No.	919-483-7988
IV-1-5	Agent's registration No.	27,655
IV-2	Additional agent(s)	additional agent(s) with same address as
		first named agent
IV-2-1	Name(s)	LEMANOWICZ, John (37, 380)
٧	Designation of States	
V-1	Regional Patent	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM
	(other kinds of protection or treatment, if any, are specified between parentheses	ZW and any other State which is a
	after the designation(s) concerned)	Contracting State of the Harare Protocol
		and of the PCT
		EA: AM AZ BY KG KZ MD RU TJ TM and any
		other State which is a Contracting State
		of the Eurasian Patent Convention and of
		the PCT
		EP: AT BE BG CH&LI CY CZ DE DK EE ES FI
		FR GB GR HU IE IT LU MC NL PT RO SE SI
		SK TR and any other State which is a
		Contracting State of the European Patent
	·	Convention and of the PCT
		OA: BF BJ CF CG CI CM GA GN GQ GW ML MR
		NE SN TD TG and any other State which is
		a member State of OAPI and a Contracting
		State of the PCT
V-2	National Patent (other kinds of protection or treatment, if	AE AG AL AM AT AU AZ BA BB BG BR BY BZ
	any, are specified between parentheses	CA CHELI CN CO CR CU CZ DE DR DM DZ EC
	after the designation(s) concerned)	EE EG ES FI GB GD GE GH GM HR HU ID IL
		IN IS JP KE KG KP KR KZ LC LK LR LS LT
		LU LV MA MD MG MK MN MW MX MZ NI NO NZ
		OM PG PH PL PT RO RU SC SD SE SG SK SL
		SY TJ TM TN TR TT TZ UA UG US UZ VC VN
		YU ZA ZM ZW



V-5	Precautionary Designation Statement	
	In addition to the designations made under items V-1, V-2 and V-3, the	
	applicant also makes under Rule 4.9(b)	
	all designations which would be permitted under the PCT except any	
	designation(s) of the State(s) indicated	
	under item V-6 below. The applicant	
	declares that those additional	
	designations are subject to confirmation and that any designation which is not	, .
	confirmed before the expiration of 15	·
	months from the priority date is to be	
	regarded as withdrawn by the applicant at the expiration of that time limit.	· ·
V-6	Exclusion(s) from precautionary designations	NONE
VI-1	Priority claim of earlier national	
	application	
VI-1-1	Filing date	10 October 2002 (10.10.2002)
VI-1-2	Number	60/417,548
VI-1-3	Country	US
VI-2	Priority document request	
	The receiving Office is requested to	VI-1
	prepare and transmit to the International Bureau a certified copy of the earlier	
	application(s) identified above as	
	item(s):	
VII-1	International Searching Authority	United States Patent and Trademark
•		Juinted Boates rateirs and rrademark
•	Chosen	Office (USPTO) (ISA/US)
	Chosen  Declarations	
VIII	Declarations  Declaration as to the identity of the	Office (USPTO) (ISA/US)
VIII VIII-1	Declarations  Declaration as to the identity of the inventor	Office (USPTO) (ISA/US)  Number of declarations  -
VIII VIII-1	Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's	Office (USPTO) (ISA/US)  Number of declarations
VIII VIII-1	Declarations  Declaration as to the identity of the inventor	Office (USPTO) (ISA/US)  Number of declarations  -
VIII VIII-1 VIII-2	Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	Office (USPTO) (ISA/US)  Number of declarations  -
VIII VIII-1 VIII-2	Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent  Declaration as to the applicant's	Office (USPTO) (ISA/US)  Number of declarations  -
VIII VIII-1 VIII-2	Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent  Declaration as to the applicant's entitlement, as at the international filing	Office (USPTO) (ISA/US)  Number of declarations  -
VIII VIII-1 VIII-2	Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent  Declaration as to the applicant's	Office (USPTO) (ISA/US)  Number of declarations  -
VIII VIII-1 VIII-2 VIII-3	Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent  Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application  Declaration of inventorship (only for the	Office (USPTO) (ISA/US)  Number of declarations  -
VIII VIII-1 VIII-2 VIII-3	Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent  Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application  Declaration of inventorship (only for the purposes of the designation of the	Office (USPTO) (ISA/US)  Number of declarations
VIII-1 VIII-2 VIII-3 VIII-4	Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent  Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application  Declaration of inventorship (only for the purposes of the designation of the United States of America)	Office (USPTO) (ISA/US)  Number of declarations
VIII-1 VIII-2 VIII-3 VIII-4	Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent  Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application  Declaration of inventorship (only for the purposes of the designation of the United States of America)  Declaration as to non-prejudicial disclosures or exceptions to lack of	Office (USPTO) (ISA/US)  Number of declarations
VIII- VIII-2 VIII-3 VIII-4 VIII-5	Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent  Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application  Declaration of inventorship (only for the purposes of the designation of the United States of America)  Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	Office (USPTO) (ISA/US)  Number of declarations
VIII-1 VIII-2 VIII-3 VIII-4 VIII-5	Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent  Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application  Declaration of inventorship (only for the purposes of the designation of the United States of America)  Declaration as to non-prejudicial disclosures or exceptions to tack of novelty  Check list	Office (USPTO) (ISA/US)  Number of declarations  -  -  number of sheets electronic file(s) attached
VIII-1 VIII-2 VIII-3 VIII-4 VIII-5	Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent  Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application  Declaration of inventorship (only for the purposes of the designation of the United States of America)  Declaration as to non-prejudicial disclosures or exceptions to tack of novelty  Check list  Request (including declaration sheets)	Office (USPTO) (ISA/US)  Number of declarations  -  -  number of sheets electronic file(s) attached  -
VIII-VIII-1 VIII-2 VIII-3 VIII-4 VIII-5 IX IX-1 IX-2	Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent  Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application  Declaration of inventorship (only for the purposes of the designation of the United States of America)  Declaration as to non-prejudicial disclosures or exceptions to tack of novelty  Check list  Request (including declaration sheets)	Office (USPTO) (ISA/US)  Number of declarations  -  -  number of sheets electronic file(s) attached  -  187
VIII-1 VIII-2 VIII-3 VIII-4 VIII-5 IX IX-1 IX-2 IX-3	Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent  Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application  Declaration of inventorship (only for the purposes of the designation of the United States of America)  Declaration as to non-prejudicial disclosures or exceptions to lack of novelty  Check list  Request (including declaration sheets)  Description  Claims	Office (USPTO) (ISA/US)    Number of declarations
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VIII VIII-1	Declarations  Declaration as to the identity of the inventor  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent  Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application  Declaration of inventorship (only for the purposes of the designation of the United States of America)  Declaration as to non-prejudicial disclosures or exceptions to lack of novelty  Check list  Request (including declaration sheets)  Description  Claims	Office (USPTO) (ISA/US)    Number of declarations



	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	<b>√</b>	-
IX-11	Copy of general power of attorney	reference no. none	-
IX-12	Statement explaining lack of signature	<b>√</b>	-
IX-17	PCT-EASY diskette		Diskette
IX-18	Other (specified):	PCT POA for	-
		inventors Cheung,	·
		Dickerson, Harris,	
		Hunter	
IX-18	Other (specified):	PCT POA for BROWN	-
		and GAUTHIER	
IX-19	Figure of the drawings which should accompany the abstract		
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	It Cleumine	
X-1-1	Name (LAST, First)	LEMANOWICZ, John	

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/US
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by	
	the International Bureau	1